

Application Number 09/873,933  
Responsive to Office Action mailed March 18, 2005

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application.

#### **Listing of Claims:**

Claim 1 (Currently Amended): A method for correlating a subscriber unit with to a physical port in a point to multipoint wire line network comprising:

- (a) —prompting an installer to manually input a location code associated with a subscriber;
- (b) —receiving the location code in the subscriber unit;
- (c) —transmitting the location code via the network to a central repository; and
- (d) —storing the location code in the central repository to correlate ~~associate~~ the location code with the physical port.

Claim 2 (Currently Amended): The method of Claim 1 further comprising:

- (d1) —checking the location code for errors before storing;
- (d2) —upon finding an error, transmitting an instruction to the subscriber unit to indicate error to the installer; and
- (d3) —upon finding no errors, storing the location code.

Claim 3 (Currently Amended): The method of Claim 2 further comprising prompting the installer to reinput the location code upon finding an error.

Claim 4 (Currently Amended): The method of Claim 1 further comprising:

- (e1) —transmitting a site code; and
- (d1) —storing the site code in the central repository.

Claim 5-35 (Canceled).

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**Claim 36 (New):** The method of claim 1, wherein the location code has not previously been correlated with the physical port.

**Claim 37 (New):** The method of claim 1, wherein the location code permits identification of network service parameters associated with the subscriber unit.

**Claim 38 (New):** The method of claim 1, wherein the point to multipoint wire line network includes a passive optical network (PON).

**Claim 39 (New):** The method of claim 1, further comprising receiving the location code by manual entry of the location code into the subscriber unit by a technician.

**Claim 40 (New):** The method of claim 39, further comprising prompting a technician to manually enter the location code into the subscriber unit.

**Claim 41 (New):** The method of claim 39, further comprising receiving the location code via a butt set device coupled to the subscriber unit.

**Claim 42 (New):** The method of claim 39, wherein transmitting the location code includes transmitting the location code to the central repository via an optical line terminator coupled to the subscriber unit via an optical fiber link.

**Claim 43 (New):** The method of claim 1, wherein the subscriber unit is equipped to receive information including voice, video and data content.

**Claim 44 (New):** The method of claim 1, further comprising:  
checking the location code for errors; and  
upon detection of an error in the location code, transmitting an indication of the error to the subscriber unit via the network.

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**Claim 45 (New):** The method of claim 1, wherein the subscriber unit includes an optical network unit (ONU).

**Claim 46 (New):** The method of claim 1, wherein the subscriber unit includes a serial number that is correlated with the physical port, the method further comprising correlating the location code with the physical port independently of correlation of the serial number with the physical port.